

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107775.D
 Acq On : 28 Jul 2018 5:09
 Operator : JU/SJ
 Sample : J4199-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Jul 30 01:32:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163086	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	605317	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	259624	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	428587	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	444171	20.00	ng	-0.02
86) Perylene-d12	15.68	264	367583	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	562985	55.50	ng	-0.01
7) Phenol-d6	6.61	99	504507	41.42	ng	0.00
23) Nitrobenzene-d5	7.53	82	833017	92.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	351829	119.17	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1542303	110.19	ng	-0.02
78) Terphenyl-d14	13.08	244	1482403	85.44	ng	-0.02

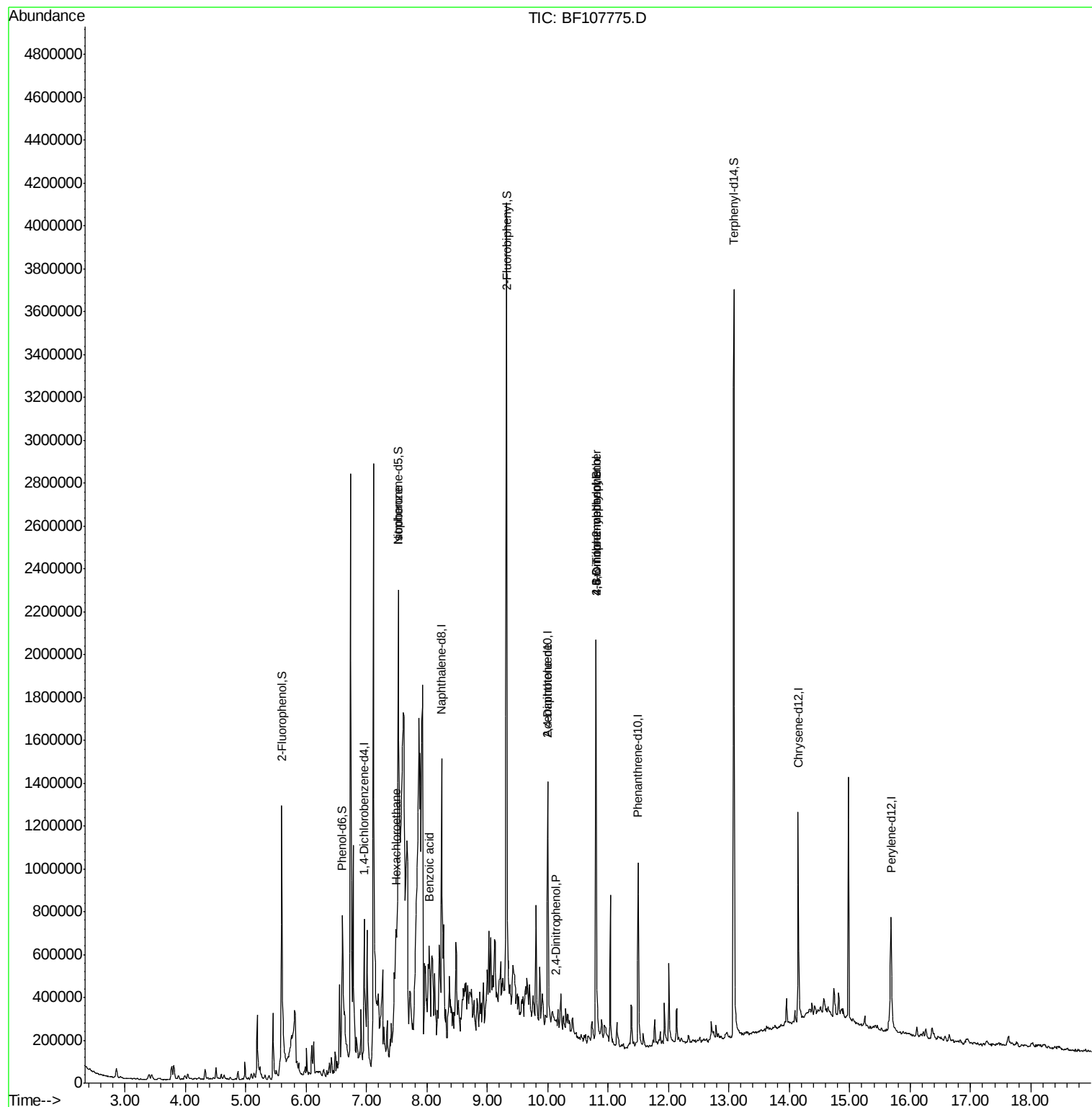
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	2502	Below Cal	#	1
18) Hexachloroethane	7.48	117	14734	3.326 ng	#	1
25) Isophorone	7.53	82	833017	43.497 ng	#	65
32) Benzoic acid	8.04	122	9440	9.275 ng	#	57
53) 2,4-Dinitrophenol	10.13	184	133	8.380 ng	#	1
56) 2,4-Dinitrotoluene	10.00	165	33799	7.208 ng	#	29
64) 4,6-Dinitro-2-methylphenol	10.80	198	6484	11.248 ng		90
66) 4-Bromophenyl-phenylether	10.80	248	20389	4.041 ng	#	1
73) Di-n-butylphthalate	12.04	149	3860	Below Cal	#	62
81) 3,3'-Dichlorobenzidine	14.10	252	527	Below Cal	#	1

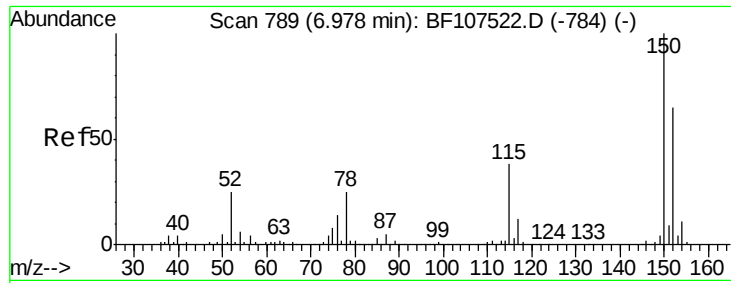
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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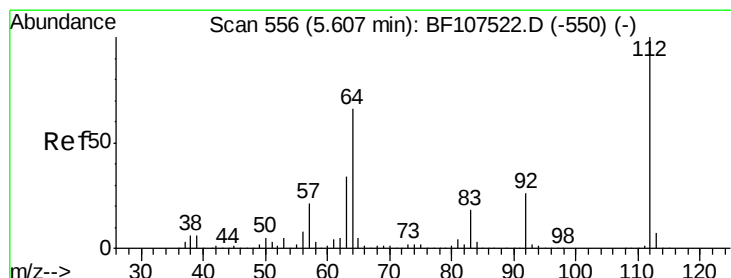
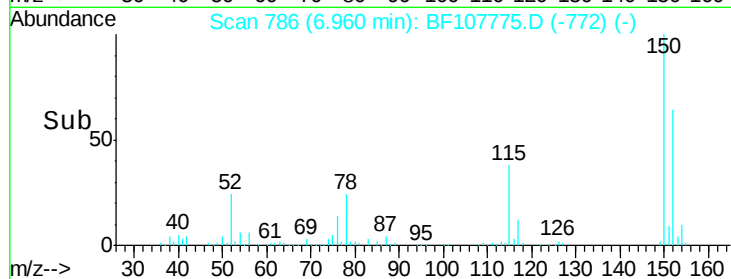
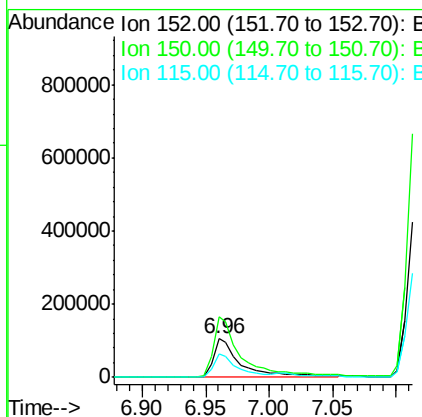
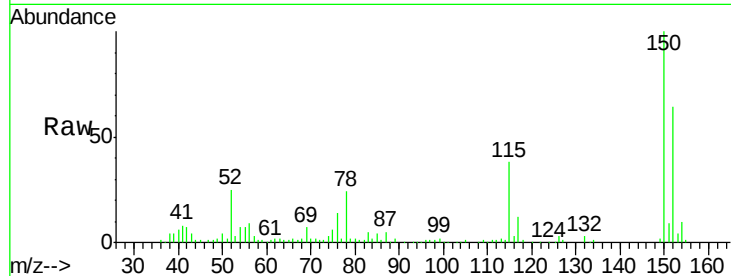




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

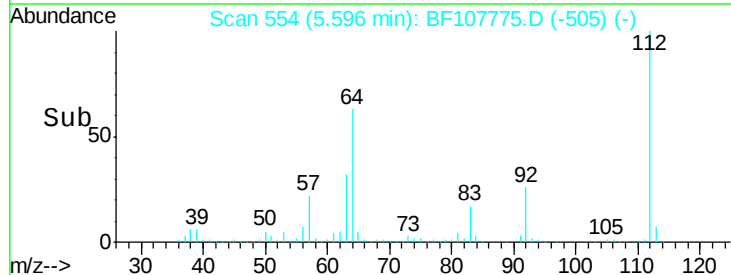
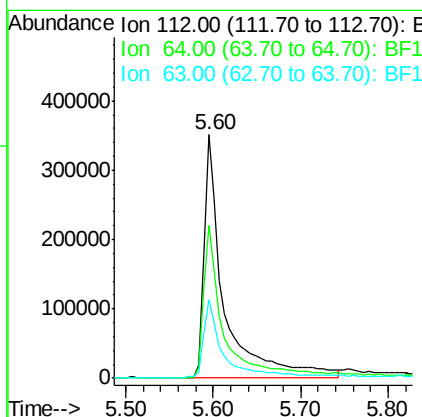
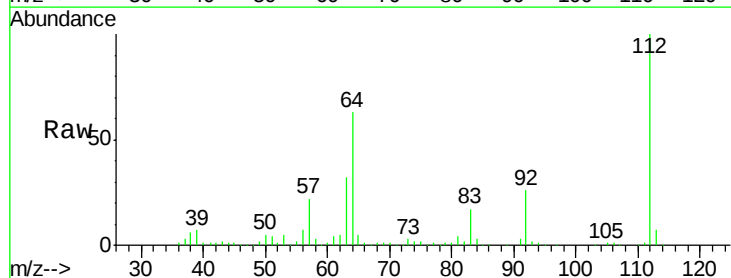
Instrument :
 BNA_F
 ClientSampleId :
 MW-24

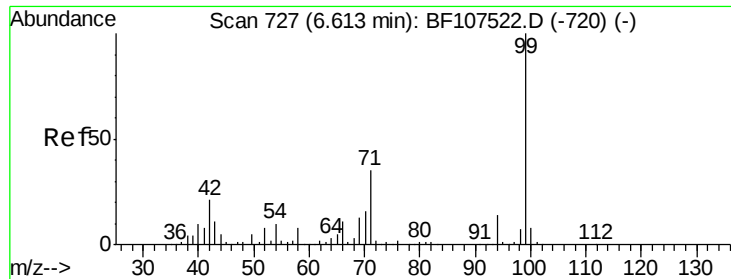
Tgt Ion:152 Resp: 163086
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 59.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 55.503 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:112 Resp: 562985
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.9 71.9
 63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 41.423 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

Instrument :

BNA_F

ClientSampled :

MW-24

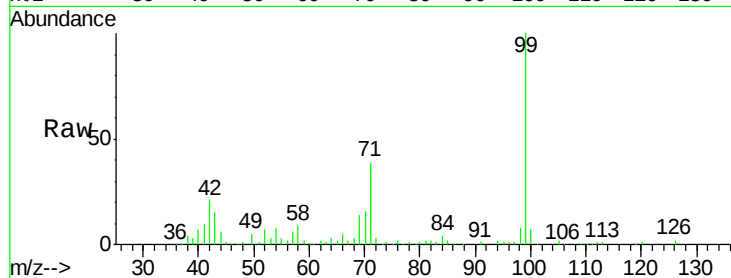
Tgt Ion: 99 Resp: 504507

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

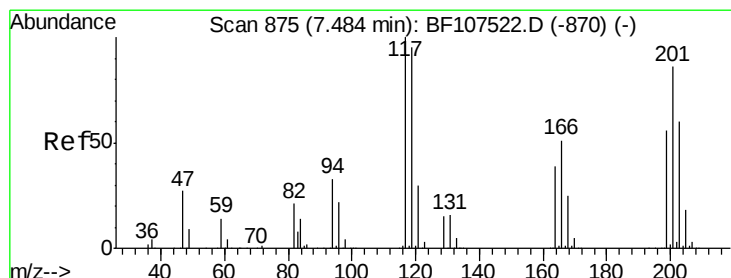
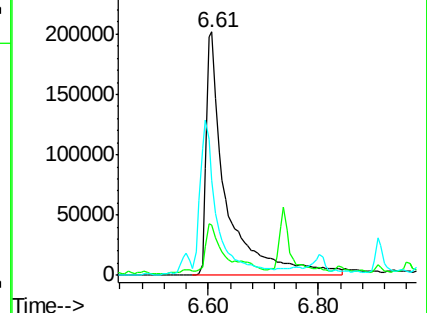
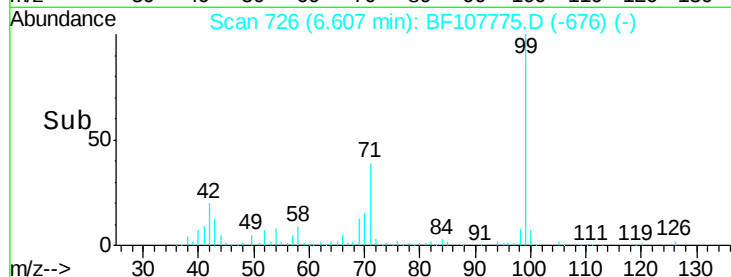
71 39.2 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#18

Hexachloroethane

Concen: 3.326 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

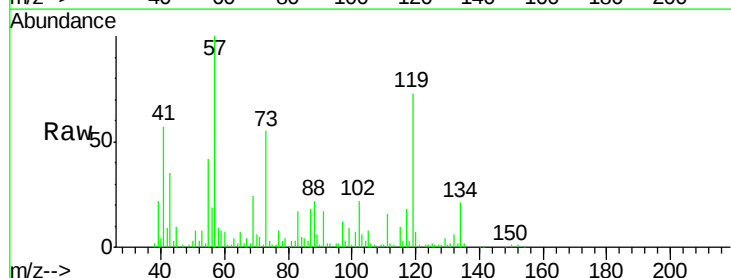
Tgt Ion: 117 Resp: 14734

Ion Ratio Lower Upper

117 100

119 411.3 75.8 113.8#

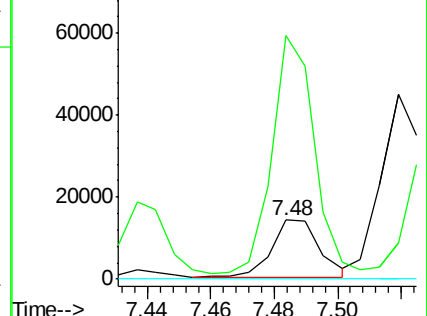
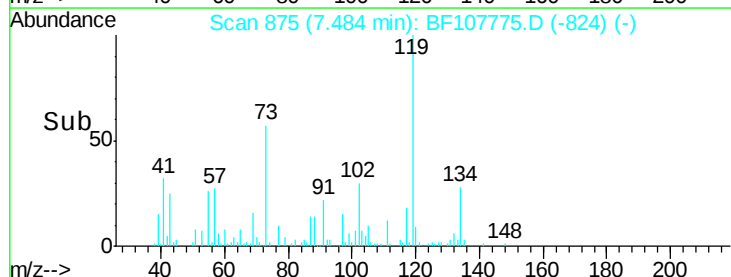
201 0.0 75.7 113.5#

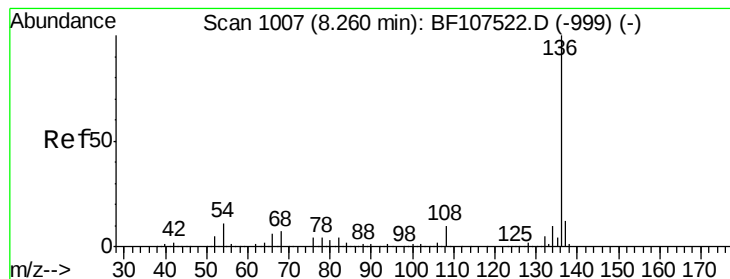


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

Instrument :

BNA_F

ClientSampleId :

MW-24

Tgt Ion: 136 Resp: 605317

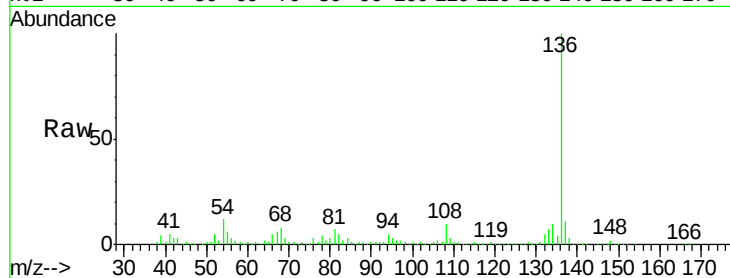
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 12.0 6.6 9.8#

68 7.6 5.0 7.4#

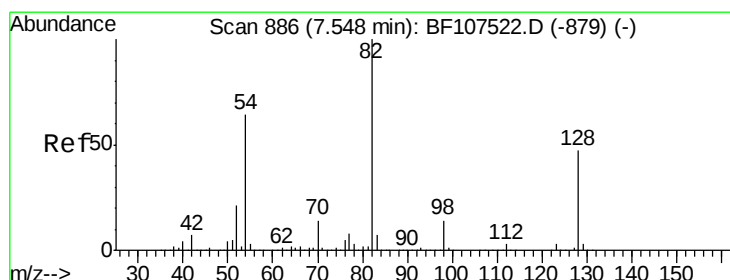
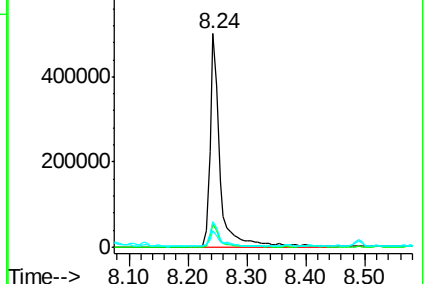
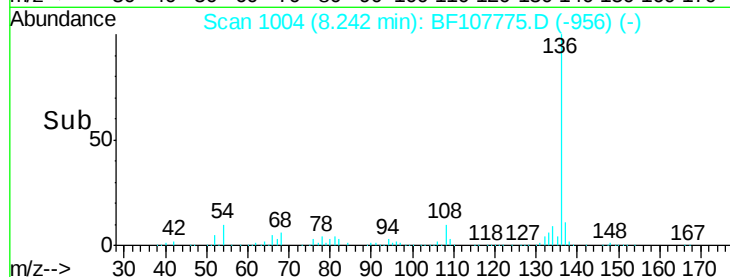


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 92.874 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

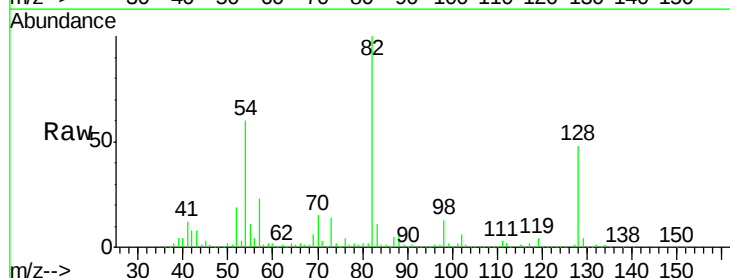
Tgt Ion: 82 Resp: 833017

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

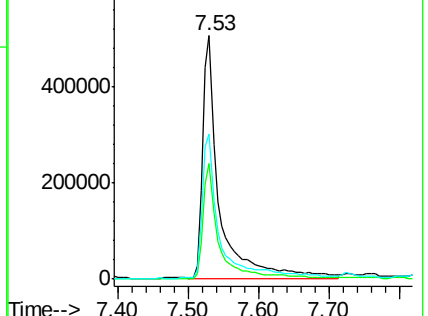
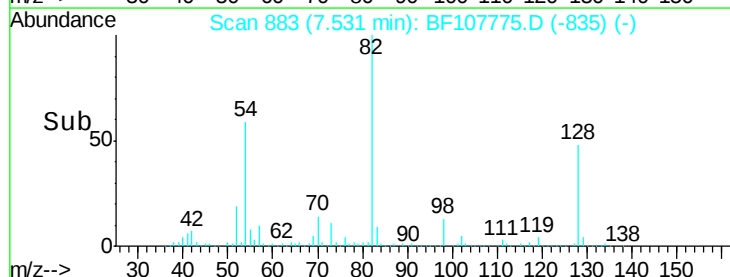
54 59.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.497 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

Instrument :

BNA_F

ClientSampleId :

MW-24

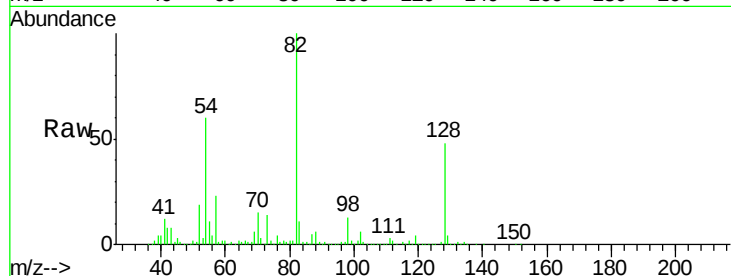
Tgt Ion: 82 Resp: 833017

Ion Ratio Lower Upper

82 100

95 0.4 5.2 7.8#

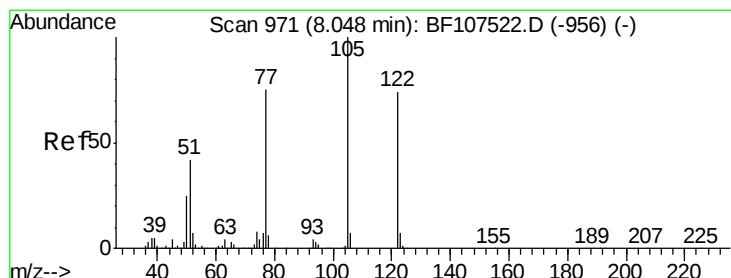
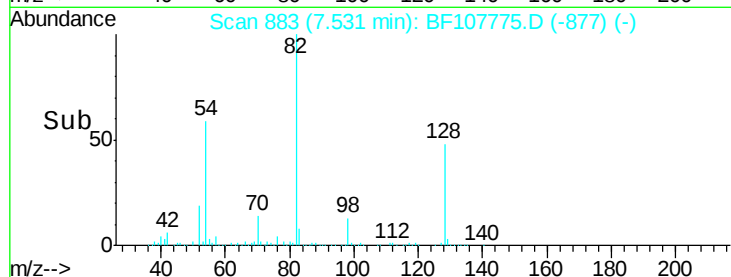
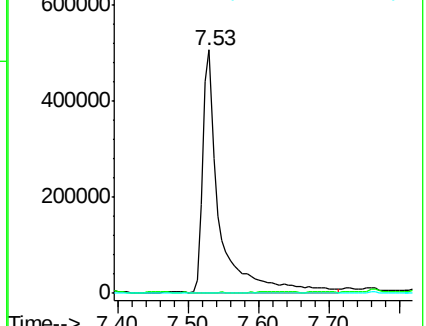
138 0.1 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 9.275 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

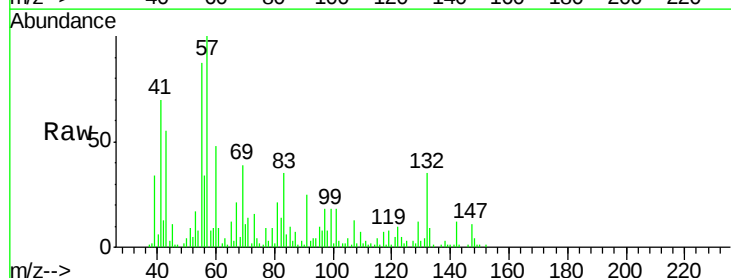
Tgt Ion: 122 Resp: 9440

Ion Ratio Lower Upper

122 100

105 38.2 101.1 141.1#

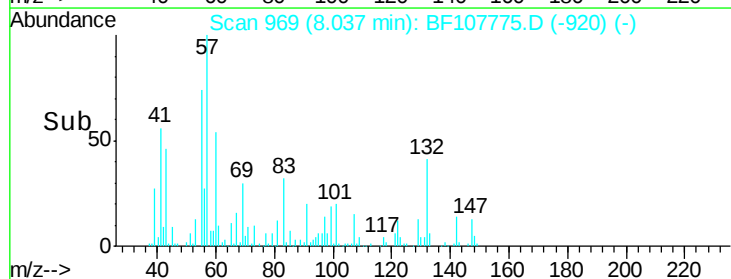
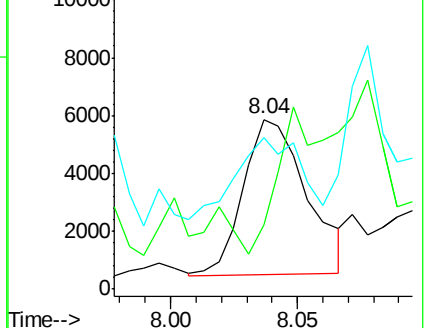
77 88.9 70.7 110.7

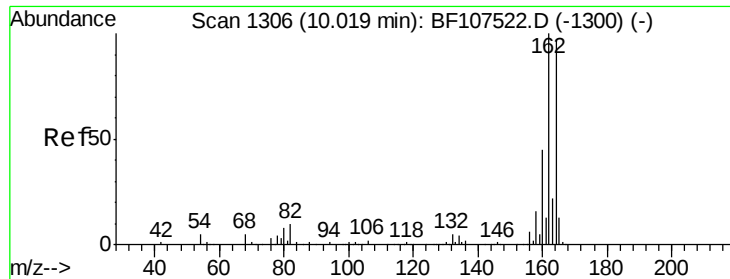


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

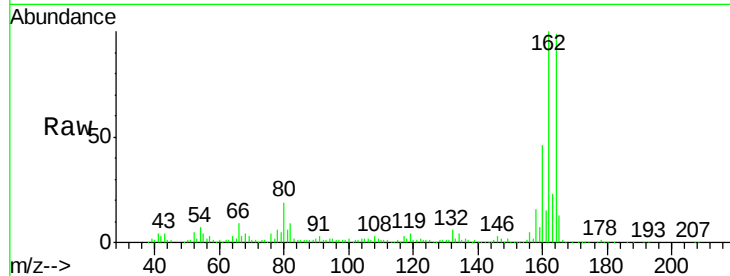




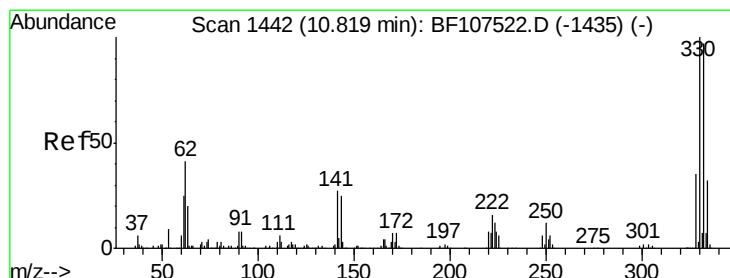
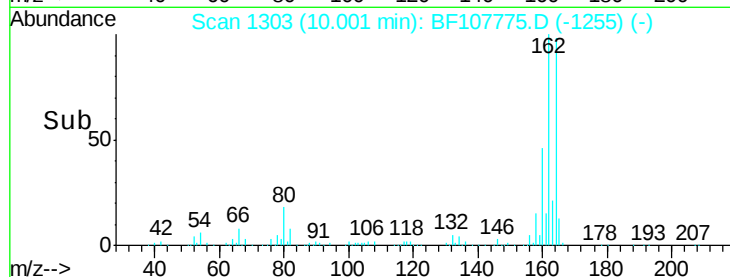
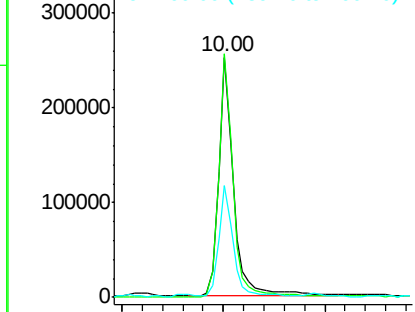
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:164 Resp: 259624
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.7 38.3 57.5

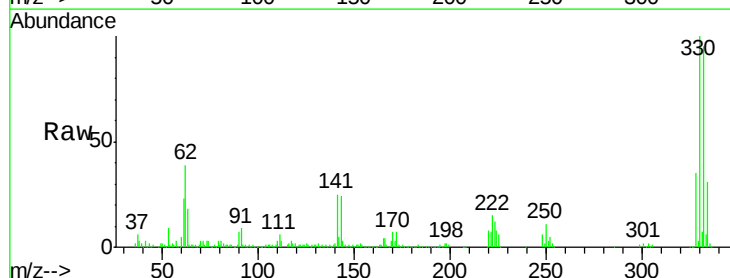


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

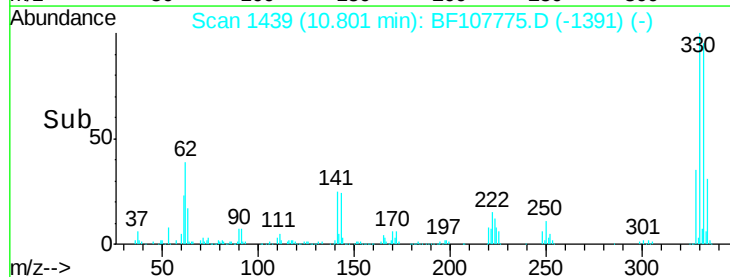
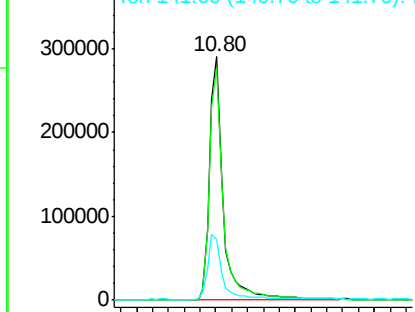


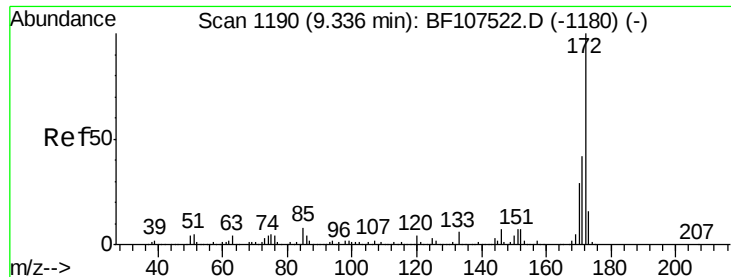
#41
 2,4,6-Tribromophenol
 Concen: 119.170 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:330 Resp: 351829
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 28.3 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

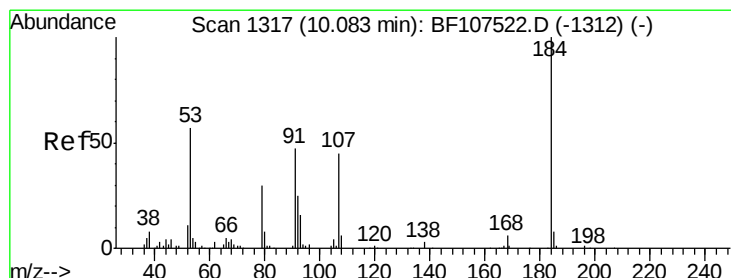
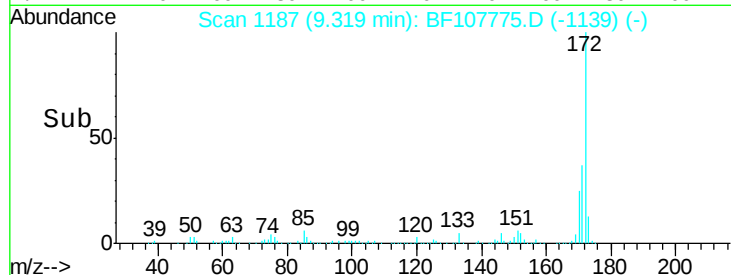
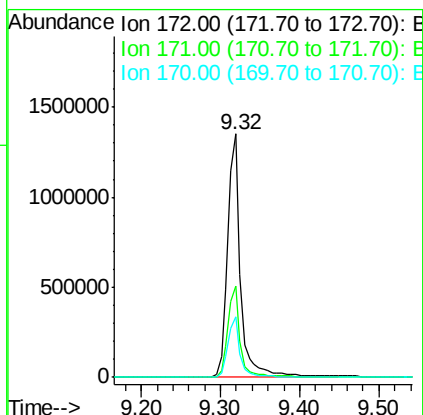
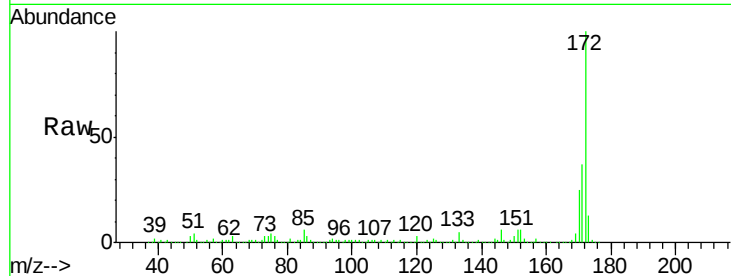




#44
2-Fluorobiphenyl
Concen: 110.194 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107775.D
Acq: 28 Jul 2018 5:09

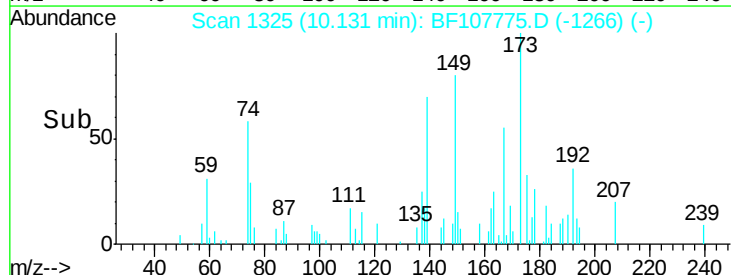
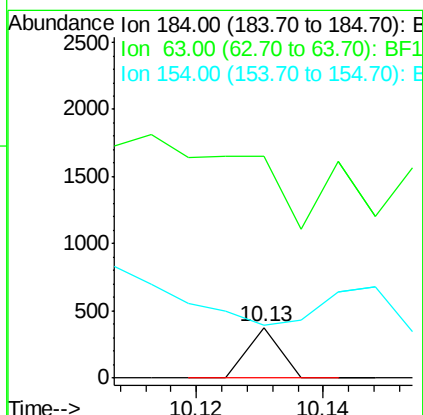
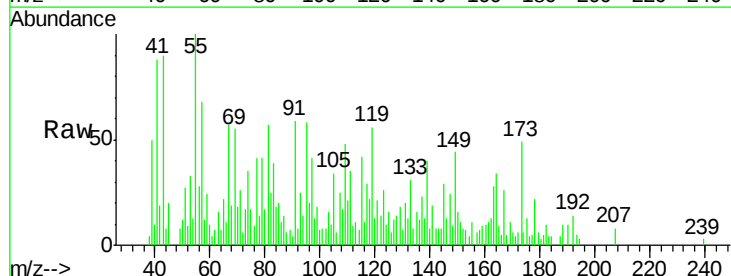
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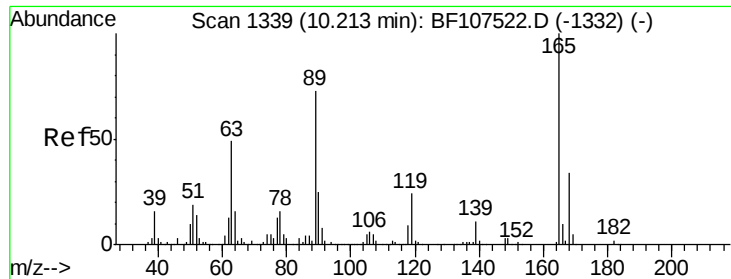
Tgt Ion:172 Resp: 1542303
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.7 19.6 29.4



#53
2,4-Dinitrophenol
Concen: 8.380 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.05 min
Lab File: BF107775.D
Acq: 28 Jul 2018 5:09

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 437.0 54.2 81.2#
154 103.7 184.0 276.0#

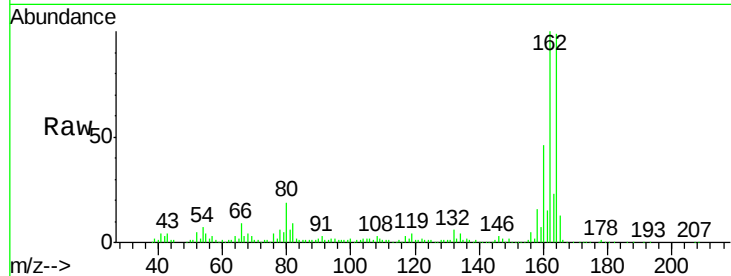




#56
2,4-Dinitrotoluene
Concen: 7.208 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107775.D
Acq: 28 Jul 2018 5:09

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	7.7	36.4	54.6#
89	4.5	57.8	86.6#
182	1.1	1.6	2.4#

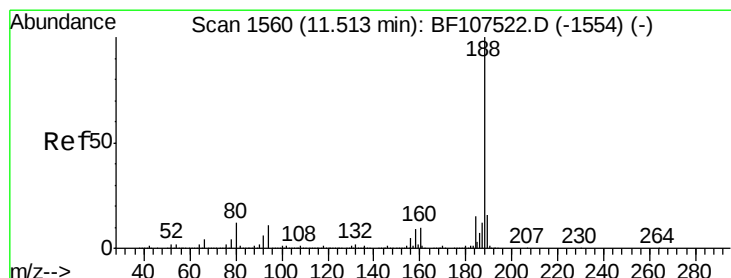
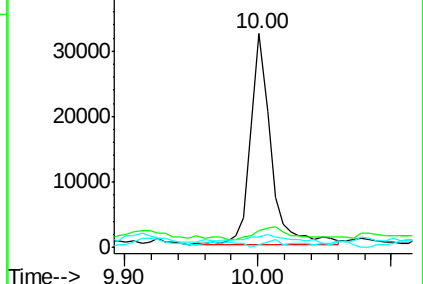
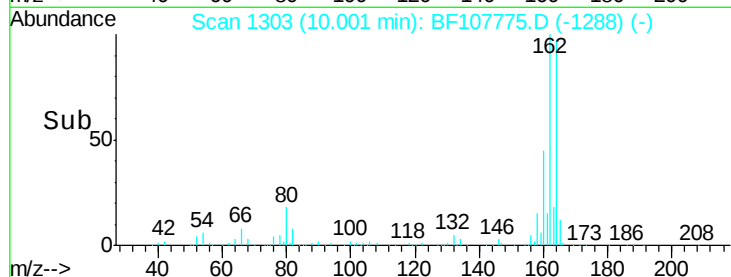


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

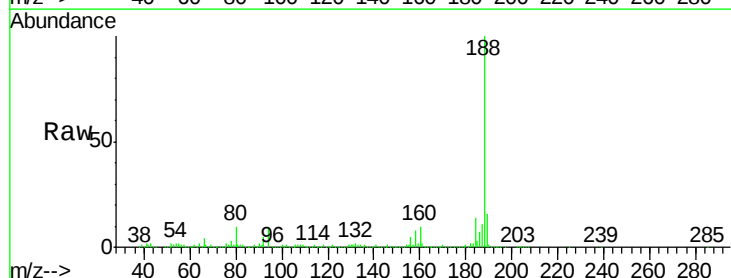
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107775.D
Acq: 28 Jul 2018 5:09

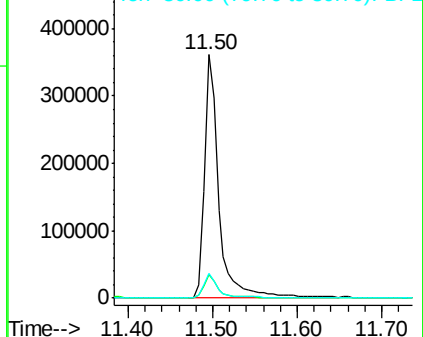
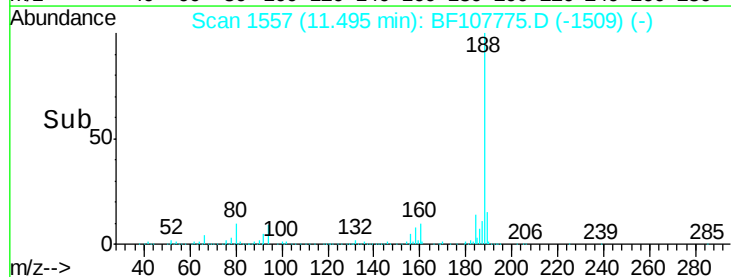
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8

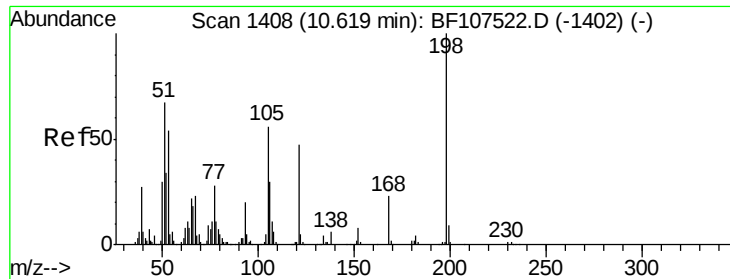


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

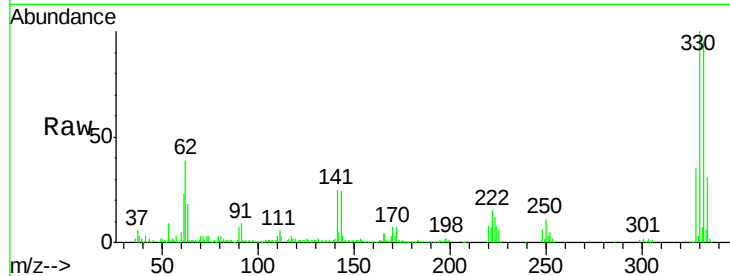




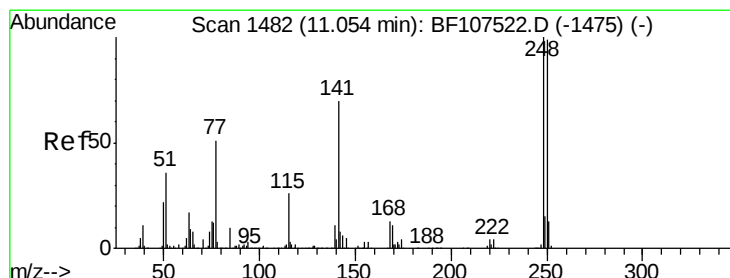
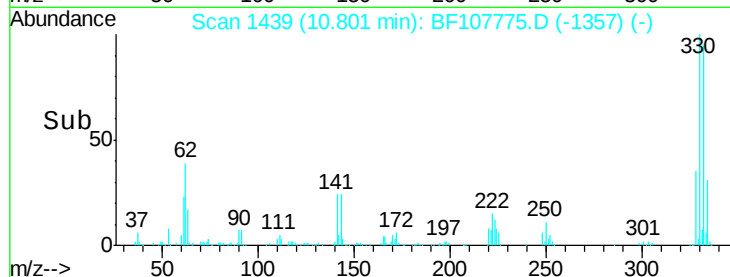
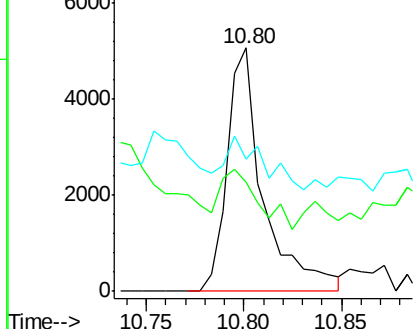
#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.248 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.18 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:198 Resp: 6484
 Ion Ratio Lower Upper
 198 100
 51 44.9 37.7 77.7
 105 54.1 36.3 76.3

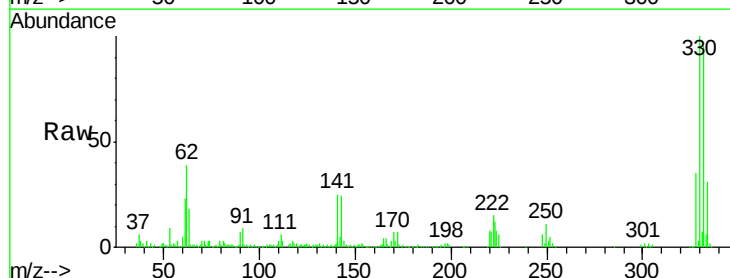


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

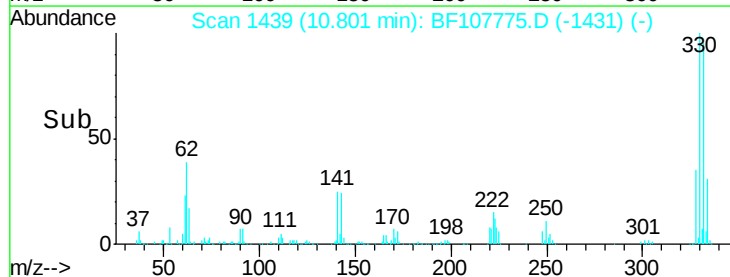
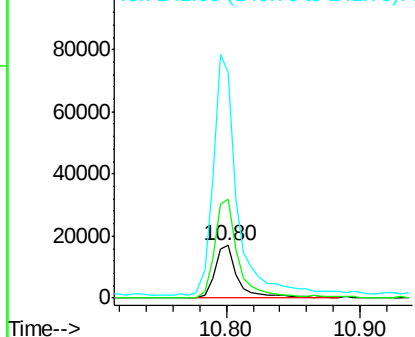


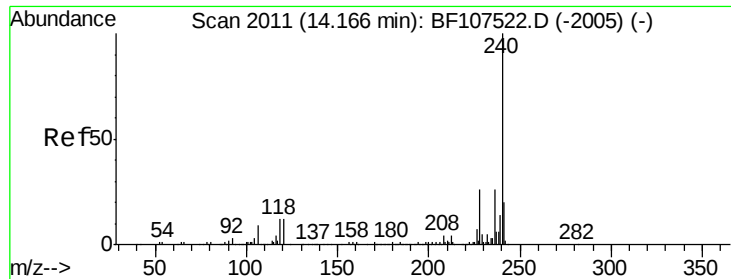
#66
 4-Bromophenyl-phenylether
 Concen: 4.041 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:248 Resp: 20389
 Ion Ratio Lower Upper
 248 100
 250 188.1 76.9 115.3#
 141 431.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

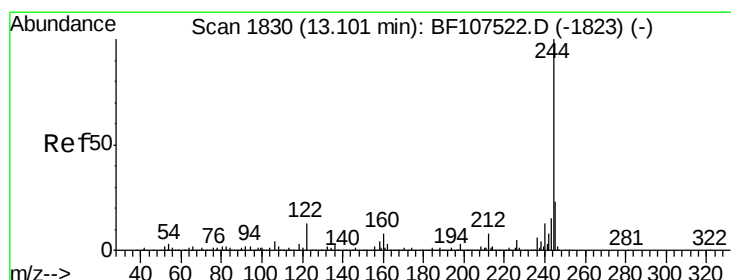
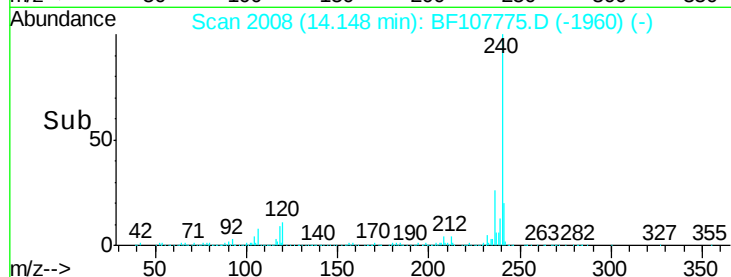
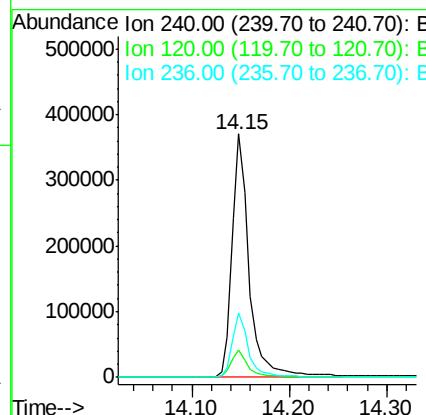
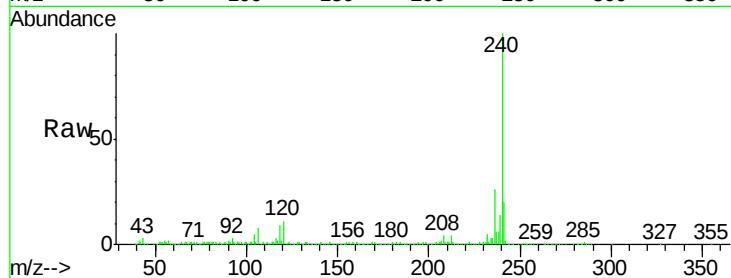




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

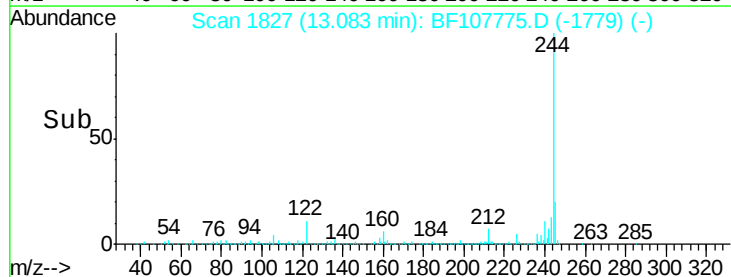
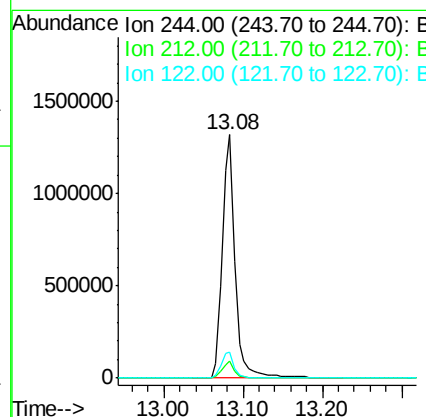
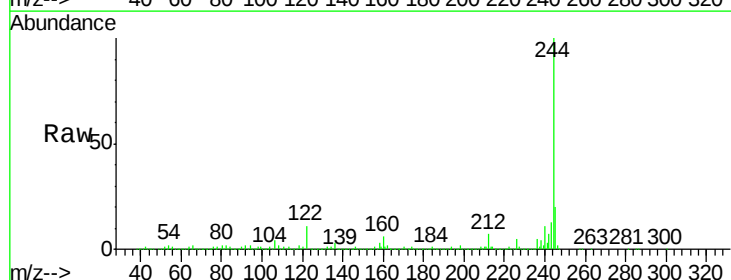
Instrument :
 BNA_F
 ClientSampled :
 MW-24

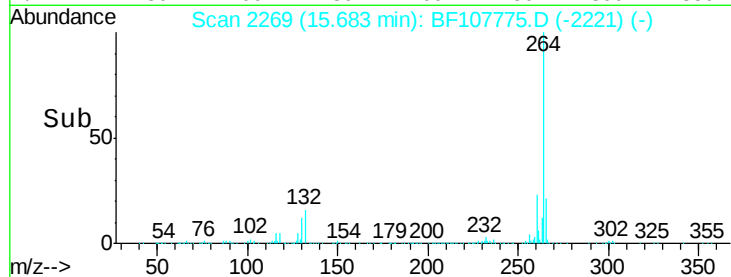
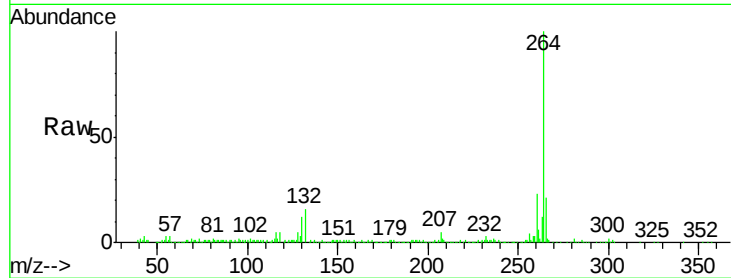
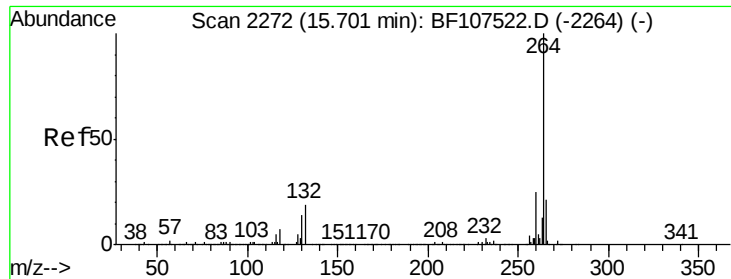
Tgt Ion:240 Resp: 444171
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 26.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 85.442 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:244 Resp: 1482403
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 11.0 16.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

Instrument :

BNA_F

ClientSampleId :

MW-24

Tgt Ion: 264 Resp: 367583

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.5 26.3

